

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Sheng-Ping Zhong et al.
Application No.: Unassigned
Date Filed: Filed Herewith
Title: MEDICAL DEVICES VISIBLE UNDER MAGNETIC RESONANCE
IMAGING
Group Art: 3737
Examiner: Unassigned
Docket: 01-2861

INFORMATION DISCLOSURE STATEMENT (IDS)

Mail Stop Patent
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22231-1450

SIR:

In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the references listed on attached Form PTO/SB/08 and/or subsequently identified herein, are being submitted herewith for consideration by the United States Patent and Trademark Office.

I. COPIES

- a. ☐ A legible copy of (i) each U.S. and foreign patents; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed, is included herewith.
- b. ☒ Any patents, publications or other information which are listed on PTO/SB/08 which are not enclosed herewith were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. §120:

U.S. Serial Number
09/993,907

U.S. Filing Date
11/27/2001

II. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

- a. ☒ Except as may be indicated below in (b) of this section, all of the patents, publications or other information are in the English language (concise explanation not required).
- b. ☐ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
- c. ☐ The following additional information is provided for the Examiner's consideration:

III. ☐ CROSS REFERENCE TO RELATED APPLICATION(S)

The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this (these) applications to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. §122.

Serial No.

Filing Date

Art Unit

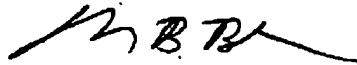
FEES

- IV. ☒ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box)
- a. ☒ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required.
 - b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required.
 - c. ☐ before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or statement is required.
 - d. ☐ before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
- V. ☐ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box)
- before the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R. §1.97(c)).
- a. ☐ No statement; therefore, charge deposit account 50-1047 the fee set forth in 37 C.F.R. §1.17(p).
 - b. ☐ See the statement below. No fee is required.
- VI. ☐ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(d):
- on or before payment of the issue fee and is accompanied by the following:
- 1) a statement under 37 C.F.R. §1.97(e) as provided below; and
 - 2) charge deposit account 50-1047 the petition fee set forth in §1.17(p).
- VII. ☐ STATEMENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable)
- The undersigned hereby states that
- a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of IDS; or
 - b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement, or
 - c. ☐ some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.
- VIII. PAYMENT OF FEES
- ☐ A check in the amount of _____ is enclosed for the above-identified fee(s).
 - ☐ Please charge Deposit Account No. 50-1047 in the amount of \$180.00 for the above-indicated fee(s).
 - ☒ If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 50-1047.
 - ☐ Two Copies of this paper are attached for Deposit Account charges and debits.

It is Applicant(s)' opinion that the claims presently on file patently distinguish the present invention from each of these references. The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 50-1047.

Respectfully submitted,
Mayer Fortkort & Williams, PC



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Mayer Fortkort & Williams, PC
Customer Number 27774

Enclosures: ☒ PTO/SB/08
☐ References
☐ Foreign Search Report
☐ Other:

Certificate of Mailing By Express Mail

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Patent, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on 1/9/04.

Marjorie Scariati
(Printed name of Person Mailing Correspondence)

Marjorie Scariati
(Signature)

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

01-286 I

Application Number

Unassigned

Applicant(s)

Sheng-Ping Zh ng et al.

Filing Date

Filed Herewith

Group Art Unit

3737

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	5,122,363	6/16/92	Balkus, Jr. et al.	424	9	
	2	5,154,179	10/13/92	Ratner	128	653.4	
	3	5,304,121	4/19/94	Sahatjian	604	53	
	4	5,514,379	5/7/96	Weissleder et al.	424	426	
	5	5,562,099	10/8/96	Cohen et al.	128	662.02	
	6	5,681,544	10/28/97	Schmitt-Willich et al.	424	9.34	
	7	5,693,034	12/2/97	Buscemi et al.	604	265	
	8	5,702,754	12/30/97	Zhong et al.	427	2.12	
	9	5,788,687	8/4/98	Batich et al.	604	890	
	10	5,817,017	10/6/98	Young et al.	600	433	
	11	5,817,292	10/6/98	Snow et al.	424	9.323	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	1	0 702 976 A1	03/27/1996	EP	A61M25	01	X	
	2	99/60920	12/02/99	PCT	A61B 5	00	X	
	3	01/81460 A1	11/01/01	PCT	C08K 9	08	X	
	4	02/22186 A1	03/21/02	PCT	A61L 29	18	X	
	5	94/08629	04/28/94	PCT	A61K 49	00	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	Jiang, Xiqun et al., "Novel Magnetic Resonance Signal Enhancing Coating Material," Advance Materials, Vol. 13, No. 7, 4/4/01, pp. 490-493.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. 01-286 I	SERIAL NO. Unassigned
	Sheng-Ping Zhong et al.	
	FILING Filed Herewith	GROUP 3737

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
12	5,869,129	2/9/99	Aben et al.	427	64	
13	6,026,316	2/15/00	Kucharczyk et al.	600	420	
14	6,060,534	5/9/00	Ronan et al.	523	113	
15	6,096,018	8/1/00	Luzio et al.	604	500	
16	6,123,920	9/26/00	Gunther et al.	424	9.322	
17	6,176,849	1/23/01	Yang et al.	604	265	
18	6,184,266	2/6/01	Ronan et al.	523	113	
19	6,207,134	3/27/01	Fahlvik et al.	424	9.322	
20	6,261,630	7/17/01	Nazarova et al.	427	2.12	
21	6,272,370	8/7/01	Gillies et al.	600	411	
22	6,294,152	9/25/01	Davies et al.	424	9.361	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
6 94/23782	10/27/94	PCT	A61M 25	01	X	
7 0 775 500 A1	11/22/96	EP	A61M 25	01		

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED
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GROUP

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	23	6,316,522	11/13/01	Loomis et al.	523	105	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

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